

CLIPPEDIMAGE= JP408311233A
PAT-NO: JP408311233A
DOCUMENT-IDENTIFIER: JP 08311233 A
TITLE: PRODUCTION OF POROUS POLYESTER ELASTOMER FILM

PUBN-DATE: November 26, 1996

INVENTOR-INFORMATION:

NAME

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ASSIGNEE-INFORMATION:

NAME

COUNTRY

TEIJIN LTD

N/A

APPL-NO: JP07116949

APPL-DATE: May 16, 1995

INT-CL_(IPC): C08J009/28; B01D071/48 ; C08L067/02

ABSTRACT:

PURPOSE: To produce a uniformly porous polyester elastomer excellent in heat resistance, chemical resistance, moldability, etc.

CONSTITUTION: A solution composition prepared by dissolving a polyester elastomer in which the hard segment comprises a crystalline polyester in which the acid component is based on an aromatic dicarboxylic acid, and the soft segment comprises a polyether and/or a lowly crystalline or amorphous polyester in a water-miscible polar solvent is cast on a support, the solution composition is allowed to gel by cooling, and the polar solvent is extracted with an aqueous solvent to obtain the porous film.

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TITLE: Prodn. of porous polyester elastomer film e.g. for filter - by casting soln compsn. contg. polyester elastomer and polar solvent miscible with water, cooling to gel and extracting solvent.

INVENTOR-NAME:

PRIORITY-DATA: 1995JP-0116949 (May 16, 1995)

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ABSTRACTED-PUB-NO: JP08311233A

BASIC-ABSTRACT: Prodn of porous polyester elastomer film comprises casting soln compsn consisting of (A) polyester elastomer composed of crystalline polyester contg (a) aromatic dicarboxylic acids as major acid components and constituting (b) hard segment and polyether and/or (c) low crystalline or amorphous polyester constituting (d) soft segment, and (B) polar solvents miscible with water onto a substrate material, cooling the soln compsn to gel and extracting the polar solvents from the soln compsn with aq solvents.

USE - The film is useful as clothes, filtering materials and medical materials.

ADVANTAGE - The film has high thermal resistance and chemical resistance and good mouldability.

TIX:

Prodn. of porous polyester elastomer film e.g. for filter - by casting soln compsn. contg. polyester elastomer and polar solvent miscible with water, cooling to gel and extracting solvent.